

Serial No.: Not yet obtained
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Preliminary Amendment

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-77 (canceled)

- Claim 78 (new): A method of killing a cancer cell that expresses a polypeptide comprising:
- (a) the amino acid sequence shown in SEQ ID NO:9; or
 - (b) an amino acid sequence encoded by a nucleotide sequence comprising the nucleotide sequence shown in SEQ ID NO:4, said method comprising contacting said cancer cell with an antibody that binds to said polypeptide on said cancer cell, thereby killing said cancer cell.
- Claim 79 (new): The method of Claim 78, wherein said antibody is a monoclonal antibody.
- Claim 80 (new): The method of Claim 78, wherein said antibody is an antibody fragment.
- Claim 81 (new): The method of Claim 78, wherein said antibody is a chimeric or a humanized antibody.
- Claim 82 (new): The method of Claim 78, wherein said antibody is conjugated to a growth inhibitory agent.
- Claim 83 (new): The method of Claim 78, wherein said antibody is conjugated to a cytotoxic agent.

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Claim 84 (new): The method of Claim 83, wherein said cytotoxic agent is selected from the group consisting of toxins, antibiotics, radioactive isotopes and nucleolytic enzymes.

Claim 85 (new): The method of Claim 83, wherein the cytotoxic agent is a toxin.

Claim 86 (new): The method of Claim 85, wherein the toxin is selected from the group consisting of maytansinoid and calicheamicin.

Claim 87 (new): The method of Claim 85, wherein the toxin is a maytansinoid.

Claim 88 (new): The method of Claim 78, wherein said antibody is produced in bacteria.

Claim 89 (new): The method of Claim 78, wherein said antibody is produced in CHO cells.

Claim 90 (new): The method of Claim 78, wherein said cancer cell is further exposed to radiation treatment or a chemotherapeutic agent.

Claim 91 (new): The method of Claim 78, wherein said cancer cell is a prostate cancer cell.

Claim 92 (new): The method of Claim 78, wherein said cancer cell overexpresses said polypeptide as compared to a normal cell of the same tissue origin.